

Catalyst Measurement

Version 2016-01-26

Color Coding Legend

Data Entry Cell	Calculated Cell	Percent Difference	Area of Concern	Instrument Calibration Out of Range
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Engine Family

VIN/Serial No.

Task Directive

Entry Number

Inspection Number

Catalyst Inspection Date

Certificate Catalyst Manufacturer

Certificate Catalyst Part Number

Observed Catalyst Markings

HAMLC.198QPA

LXAPDZ055HX000028

TD2, Opt 2

ATG-1015158-3

20161219-1245-01

12/19/2016

Chongqing Guiyan Sino-Platinum Metals Catalyst

LF4212-552-70

None

Daily Calibration Results

Instrument Used

Date of Last Simco Calibration (must be < 1 year)

Mitutoyo Calipers (SN: 04427304)

4/27/2016

End Rod Result

Accuracy (mm)

25 mm End Rod

50 mm End Rod

75 mm End Rod

25.00

50.00

74.99

0

0

0.01

Diameter: outside of exhaust piping

Diameter: outside of catalyst casing

Diameter: inside of catalyst casing (catalyst diameter)

Length: exhaust piping

Length: catalyst casing

Length: catalyst material

Inset: catalyst casing (side 1)

Inset: catalyst casing (side 2)

Inset: catalyst substrate (side 1)

Inset: catalyst substrate (side 2)

Counted cells (total)

Avg. inside diameter of casing (in)

PAIR Observed? (Y/N)

PAIR Photo Name

1st Measured Value (mm)

2nd Measured Value (mm)

3rd Measured Value (mm)

4th Measured Value (mm)

Not measurable

Not measurable

Not measurable

Not measurable

45.1

45.6

45.4

45.4

39.39

38.35

38.59

39.25

103.27

103.37

103.31

103.30

Not measurable

Not measurable

Not measurable

Not measurable

Not directly measured

Not directly measured

Not directly measured

Not directly measured

Not measurable

Not measurable

Not measurable

Not measurable

Not measurable

Not measurable

8.80

8.86

8.81

8.94

4.23

4.33

4.24

4.23

361

1.53

N

N/A

(see comments)

Calculated Average Value (mm)

Percent Difference

Certificate Values

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45.36

38.90

103.31

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90.20

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8.85

4.26

107.18

196.02

volume cc

cells/in<sup>2</sup>

Certified with PAIR (Y/N)?

Comments

Areas of Concern

Photo Used for Counts

Inspector:

Report Date:

-This is catalyst 1 of 2 (see Catalyst Arrangement tab for photos) located upstream from catalyst 2.

-The Cert. app does not specify if the certified length and diameter are for the catalyst casing or the substrate. ERG entered them as the catalyst casing dementions in Column I.

None

DSCN6496\_CellCount.jpg

Cassidy Owen

12/22/2016